Theory Assignment

Course Name : Internet and Web Programming
Course Code : CSE3002
Slot : L55+L56
Name : **Sailesh NS**
Reg No : **19BCE2066**

1. Design a PHP program to send an email with an attachment. Develop a HTML page to collect receivers email address, subject of the mail, content to be delivered, a file component to be attached and a button to send the mail.

HTML Code:

```
<html>
<head>
<style>
.box{
background: #E9FE8D;
width: 400px;
height:300px;
padding: 50px;
margin: auto;
margin-top: 200px;
box-shadow: 1px -1px 13px 0px rgb(0 0 0 / 50%);
border-radius:24px;
text-align: center;
}
table{
margin-left:43px;
}
</style>
<title>
19BCE2066 - Question 1
</title>
</head>
<body>
<div class="box">
<form enctype="multipart/form-data" method="POST" action="question1.php">
<h3>Send Email with subject & attachment</h3><br>
<table>
```

```
<tr>
<td>Name</td>
<td><input type="text" name="name" /></td>
</tr>
<tr>
<td>Email Address</td>
<td><input type="email" name="email" /></td>
</tr>
<tr>
<td>Subject</td>
<td><input type="text" name="subject" /></td>
</tr>
<tr>
<td>Content</td>
<td><textarea name="content"></textarea></td>
</tr>
<tr>
<td>Attachment</td>
<td><input type="file" name="attachment" /></td>
</tr>
</table>
<br>
<br>
<input type="submit" name="button" value="Submit" />
</form>
<br>
<p>- Sailesh NS (19BCE2066)</p>
</div>
</body>
</html>
```

PHP Code:

```
<?php
if($_POST['button'] && isset($_FILES['attachment']))
{
$from_email = 'saileshn.s2019@gmail.com';
$recipient_email = 'saileshsathi@gmail.com';
$sender_name = $_POST["name"];
$reply_to_email = $_POST["email"];
$subject = $_POST["subject"];
$message = $_POST["content"];


$tmp_name = $_FILES['my_file']['uplodedfile'];
$name = $_FILES['my_file']['filename'];
$size = $_FILES['my_file']['filesize'];
$type = $_FILES['my_file']['filetype'];
$error = $_FILES['my_file']['fileerror'];
```

```
if($file_error > 0)
{
die('Error in uploading file');
}

$handle = fopen($tmp_name, "r");
$content = fread($handle, $size);
fclose($handle);

$encoded_content = chunk_split(base64_encode($content));

$boundary = md5("random");

$headers = "MIME-Version: 1.0\r\n";
$headers .= "From:".$from_email."\r\n";
$headers .= "Reply-To: ".$reply_to_email."\r\n";
$headers .= "Content-Type: multipart/mixed;\r\n";
$headers .= "boundary = $boundary\r\n";

$body = "--$boundary\r\n";
$body .= "Content-Type: text/plain; charset=ISO-8859-1\r\n";
$body .= "Content-Transfer-Encoding: base64\r\n\r\n";
$body .= chunk_split(base64_encode($message));

$body .= "--$boundary\r\n";
$body .="Content-Type: $file_type; name=".$file_name."\r\n";
$body .="Content-Disposition: attachment; filename=".$file_name."\r\n";
$body .="Content-Transfer-Encoding: base64\r\n";
$body .="X-Attachment-Id: ".rand(1000, 99999)."\r\n\r\n";
$body .= $encoded_content;

$sentMailResult = mail($recipient_email, $subject, $body, $headers);

if($sentMailResult )
{
echo "<h1>Mail Sent Successfully.</h1>";
unlink($name);
}
else
{
die("<h1>Mail Failed, Please Try Again.</h1>");
}
}
?>
```

Code Screenshot:

C:\wamp64\www\IWP Theory DA 1\Question1.html - Notepad++

File Edit Search View Encoding Language Settings Tools Macro Run Plugins Window ?

Question1.html | question1.php

```
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<style>
.box{
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width: 400px;
height:300px;
padding: 50px;
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margin-top: 200px;
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<table>
<tr>
<td>Name</td>
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C:\wamp64\www\IWP Theory DA 1\question1.php - Notepad++

File Edit Search View Encoding Language Settings Tools Macro Run Plugins Window ?

Question1.html | question1.php

```
<?php
if($_POST['button'] && isset($_FILES['attachment']))
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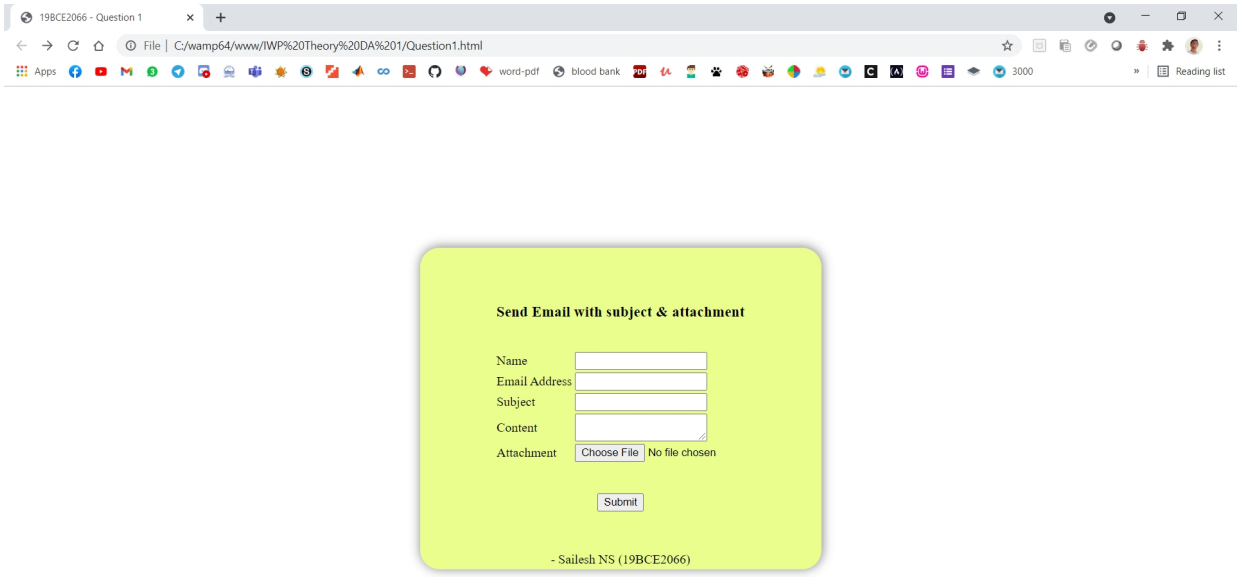
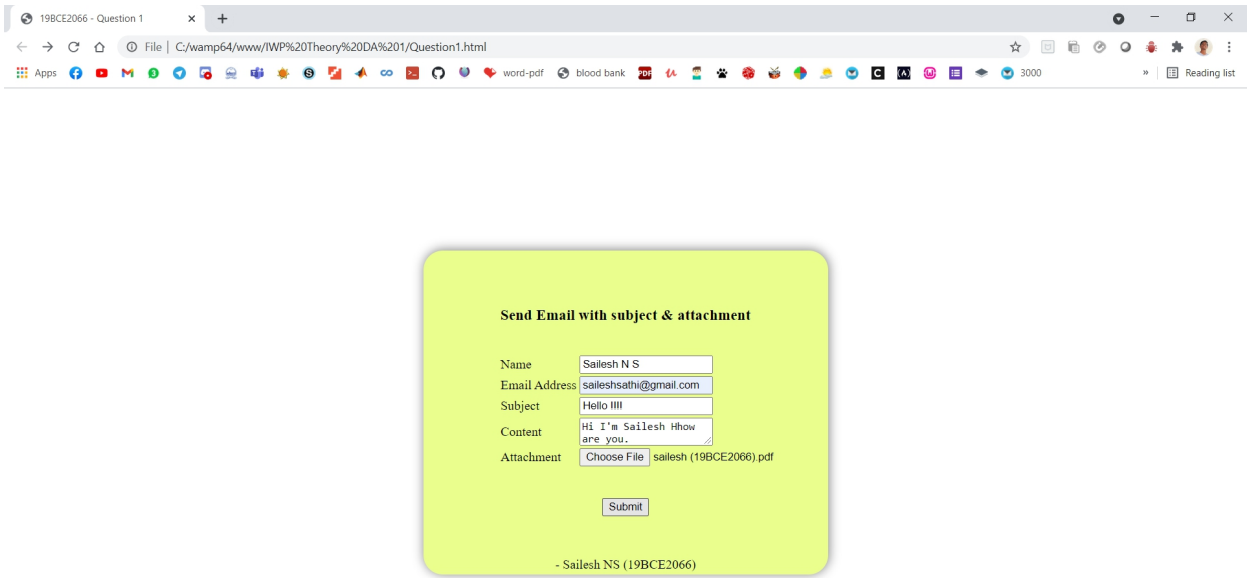
$content = fread($handle, $size);
fclose($handle);

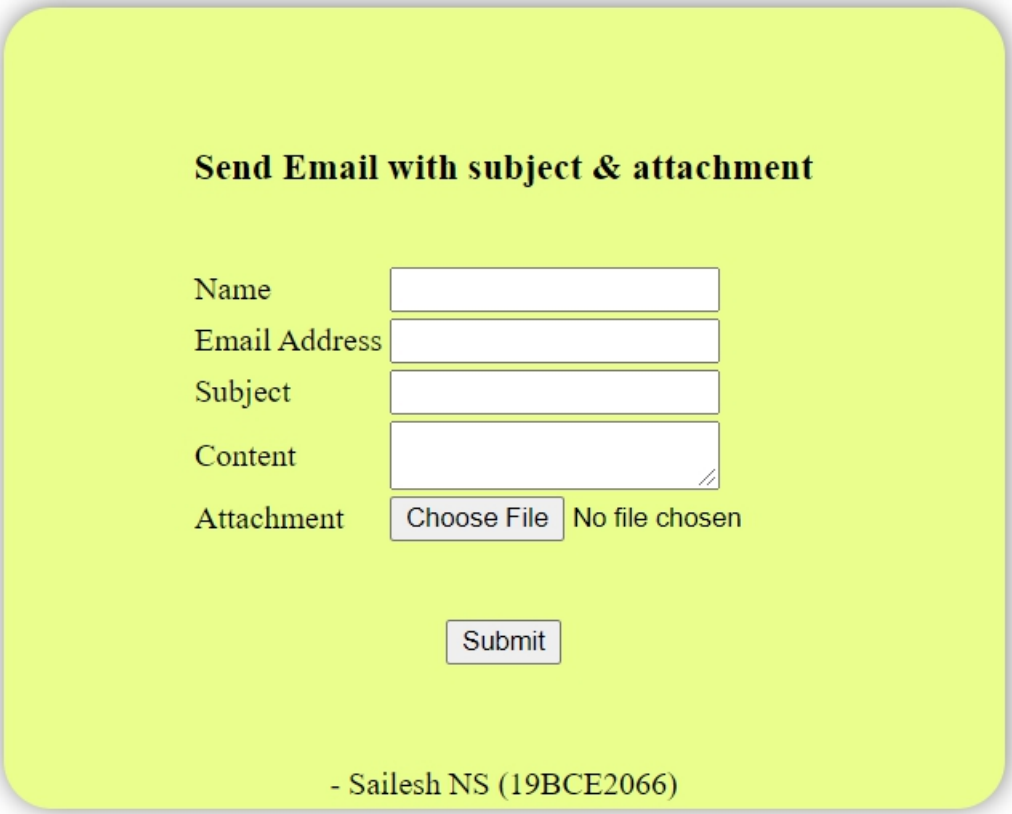
$encoded_content = chunk_split(base64_encode($content));

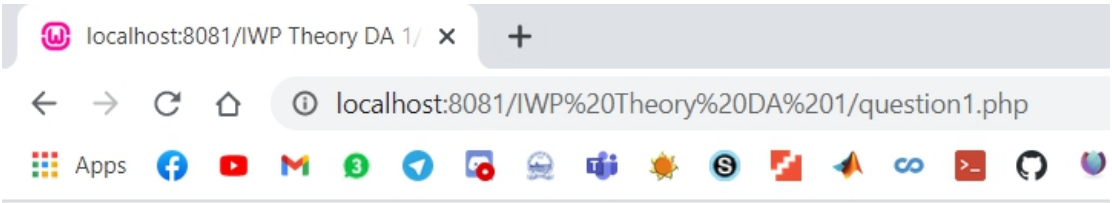
$boundary = md5("random");
```

Output Screenshot:

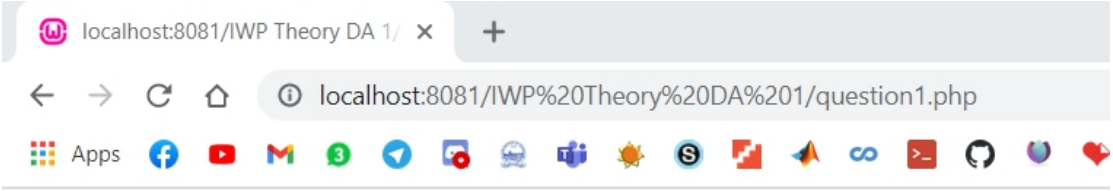








Mail Failed, Please Try Again.



Mail Sent Successfully.

****